

Transportation – Road Operations

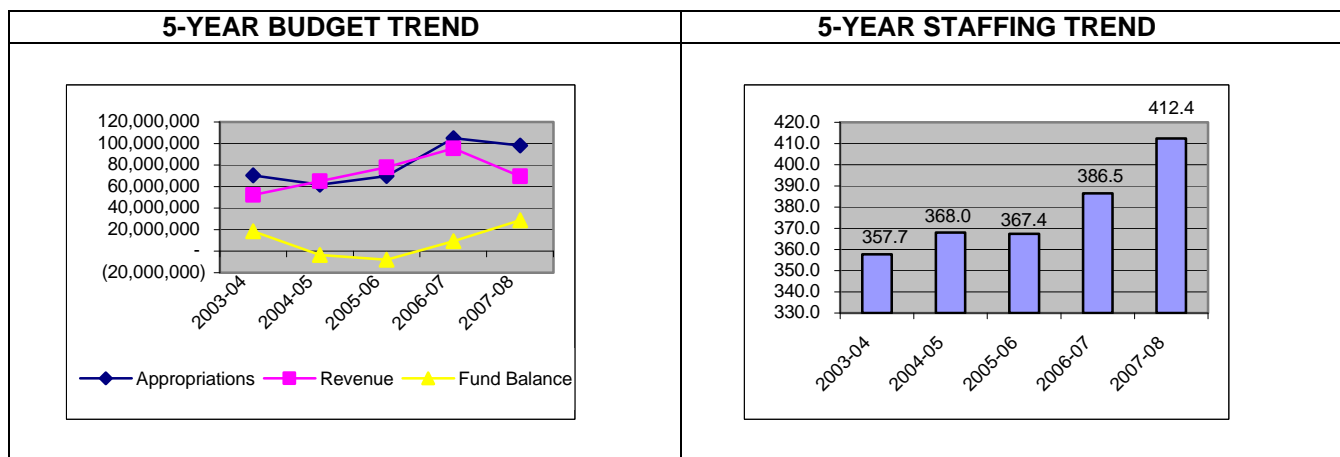
DESCRIPTION OF MAJOR SERVICES

The Transportation Division is responsible for the operation, maintenance, and improvement of the county's road system that currently includes approximately 2,822 miles of roadways. Additional activities include administration, planning, design, construction, and traffic operations.

The division's routine maintenance activities include patching and crack filling on approximately 7,500 lane-miles of asphalt pavement, grading of 533 miles of unpaved roads, shoulder maintenance, snowplowing of over 300 miles of mountain roads, traffic signal maintenance at 56 intersections, roadside weed abatement in urban areas, traffic sign and pavement striping maintenance throughout the system, storm repairs and cleanup, maintenance of 380 bridges and thousands of concrete box and metal pipe culverts, as well as maintenance of drainage facilities such as inlets, ditches, dikes, and gutters. Maintenance functions are provided through 13 yard districts with regional facilities located to best serve the 20,000 square-mile area of the county.

Road activities are funded almost entirely from highway-user sources. These sources consist primarily of state and federal fuel taxes, voter-approved state transportation infrastructure bond (Proposition 1B), local transportation funds generated by sales tax revenues (Measure I), and development impact fees (the department has established nine local and one regional transportation fee plan areas throughout the county to collect funds for the purpose of mitigating the impacts of new development). Construction of major improvements (such as new roads, bridges, or adding of lanes) is limited to a few projects per year based on available funding.

BUDGET HISTORY



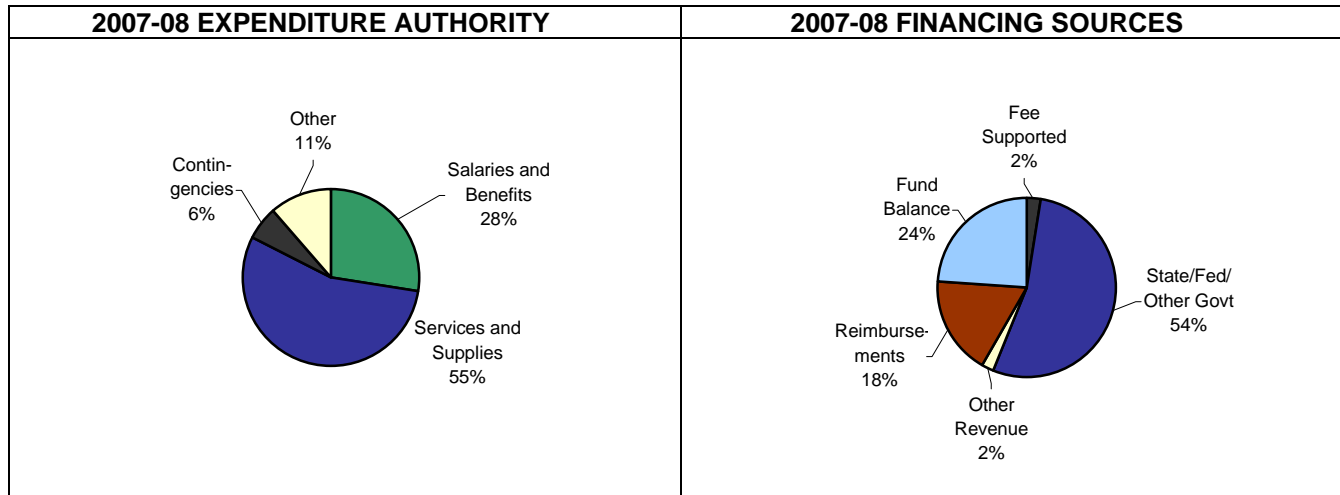
PERFORMANCE HISTORY

	2003-04 Actual	2004-05 Actual	2005-06 Actual	2006-07 Modified Budget	2006-07 Estimate
Appropriation	45,272,552	57,608,930	62,138,947	105,012,901	74,292,658
Departmental Revenue	39,846,444	40,044,246	74,616,937	95,615,821	93,459,038
Fund Balance				9,397,080	
Budgeted Staffing				386.5	

In accordance with Section 29009 of the State Government Code, the entire unreserved fund balance must be appropriated each year. Accordingly, expenditures for this budget unit are typically less than budget. The amount not expended in 2006-07 will be re-appropriated in the 2007-08 budget.



ANALYSIS OF PROPOSED BUDGET



GROUP: Public and Support Services
DEPARTMENT: Public Works - Transportation
FUND: Road Operations

BUDGET UNIT: SAA, SVJ, SVK, SVL, SVM
FUNCTION: Public Ways and Facilities
ACTIVITY: Public Ways

	2003-04 Actual	2004-05 Actual	2005-06 Actual	2006-07 Estimate	2006-07 Final Budget	2007-08 Proposed Budget	Change From 2006-07 Final Budget
Appropriation							
Salaries and Benefits	23,121,344	21,437,225	26,506,879	27,305,325	30,156,381	32,794,848	2,638,467
Services and Supplies	22,674,137	30,481,955	32,403,820	44,038,320	74,310,553	65,271,656	(9,038,897)
Central Computer	104,774	167,621	204,873	236,007	236,007	273,583	37,576
Other Charges	1,181,292	533,803	993,970	2,402,647	4,310,982	5,892,617	1,581,635
Land and Improvements	4,357	94,196	36,688	1,785,514	3,030,000	838,000	(2,192,000)
Equipment	127,627	317,656	259,399	439,189	785,500	937,500	152,000
Vehicles	1,918,873	3,514,825	1,193,390	2,505,912	2,767,000	3,200,000	433,000
L/P Struct/Equip/Vehicles	734,821	880,312	925,083	980,000	1,475,000	895,000	(580,000)
Transfers	773,008	930,196	2,061,486	1,049,418	2,155,488	1,913,233	(242,255)
Contingencies	-	-	-	-	-	7,000,000	7,000,000
Total Exp Authority	50,640,233	58,357,789	64,585,588	80,742,332	119,226,911	119,016,437	(210,474)
Reimbursements	(7,475,561)	(748,859)	(3,261,910)	(6,449,674)	(17,714,010)	(20,876,820)	(3,162,810)
Total Appropriation	43,164,672	57,608,930	61,323,678	74,292,658	101,512,901	98,139,617	(3,373,284)
Operating Transfers Out	2,107,880	-	815,269	-	3,500,000	-	(3,500,000)
Total Requirements	45,272,552	57,608,930	62,138,947	74,292,658	105,012,901	98,139,617	(6,873,284)
Departmental Revenue							
Licenses and Permits	219,434	189,421	234,141	575,000	225,000	500,000	275,000
Use Of Money and Prop	532,372	489,064	819,937	1,282,150	460,000	1,252,500	792,500
State, Fed or Gov't Aid	34,643,589	35,210,113	52,882,163	73,437,271	75,841,304	64,050,397	(11,790,907)
Current Services	1,602,878	974,794	1,448,079	2,102,000	4,240,017	2,321,760	(1,918,257)
Other Revenue	669,322	606,618	1,846,916	5,015,246	321,500	1,346,500	1,025,000
Other Financing Sources	178,849	2,574,236	4,635,701	2,716,113	3,400,000	105,000	(3,295,000)
Total Revenue	37,846,444	40,044,246	61,866,937	85,127,780	84,487,821	69,576,157	(14,911,664)
Operating Transfers In	2,000,000	-	12,750,000	8,331,258	11,128,000	-	(11,128,000)
Total Financing Sources	39,846,444	40,044,246	74,616,937	93,459,038	95,615,821	69,576,157	(26,039,664)
Fund Balance					9,397,080	28,563,460	19,166,380
Budgeted Staffing					386.5	412.4	25.9



APPROPRIATION

Salaries and benefits of \$32,794,848 fund 412.4 positions. For 2007-08, the Transportation Division is proposing increases totaling \$2,638,467. Of this amount, \$748,001 represents costs incurred due to MOU, retirement, and workers' compensation adjustments. The balance of \$1,890,466, as well as the 25.9 increase in budgeted staffing, is primarily a result of the following:

- 5.0 new positions are being added to the Contracts Division due to increased workload caused by additional Proposition 42 and Proposition 1B funding. This unit currently does not have sufficient staff to oversee the number of anticipated construction contracts and therefore must utilize the services of outside engineering firms. Adding these positions at a cost of approximately \$410,000 would reduce the department's reliance on the use of private engineering contractors when the need arises. The 5.0 positions consist of:

- 1.0 Public Works Engineer III
- 2.0 Engineering Technician V's
- 1.0 Engineering Technician IV
- 1.0 Engineering Technician III

- 4.0 new positions are being requested for the Design Division due to increased workload caused by additional Proposition 42, Proposition 1B and Development Mitigation Plan funding. The Design Division currently does not have sufficient support staff for its Design, Pavement Management, and Utility Sections for the current and anticipated level of workload. Due to time constraints inherent in some of the funding sources, it is imperative to complete design and construction in a timely manner. The cost of this additional staff of \$300,000 will be offset by increased revenues. These 4.0 positions are as follows:

- 1.0 Engineering Technician IV for the Pavement Management Section.
- 1.0 Engineering Technician IV for the Utility Section.
- 2.0 Engineering Technician IV's for the Design Section.

- 9.0 new positions are for the Operations Division. The increased revenue from Proposition 42, Proposition 1B, and Local Transportation Funds (LTF) has resulted in additional yard chip seal and overlay projects that are administered by the Operations Division. This additional staffing, at a cost of \$525,000, is as follows:

- 1.0 Equipment Operator I and 1.0 Equipment Operator III for the Barstow Yard.
- 1.0 Equipment Operator I for the Desert Crack Seal Team.
- 1.0 Equipment Operator II for the Apple Valley Yard.
- 1.0 Maintenance and Construction Worker I for the Valley Crack Seal Team.
- 2.0 Maintenance and Construction Worker I's as traffic safety flagmen for the Tree Crew.
- 2.0 Maintenance and Construction Supervisor I's for the Big Bear and Crestline road yards due to increased supervisory responsibilities, mandated governmental/environmental regulations, and increased traffic.

- 1.0 Staff Analyst II is to assist the Director with special projects (\$74,000).
- 1.0 Business Systems Analyst I for support of Permits Plus and the Wincams Job Cost Accounting System (\$75,500).
- 1.0 Engineering Technician IV for the Planning Division to assist in the additional mapping and technical skills required to develop the Development Mitigation Plan (DMP) Project List. This new position (\$73,500) will be funded by administrative overhead charges built into the fees charged for each construction permit issued for the DMP.
- 1.0 Engineering Technician IV is for the Victorville Land Development Section (\$73,500) to be finance by Gas Tax funds.
- 1.5 contract positions (1.0 Contract PWG Transportation Engineer approved by the Board on September 26, 2006 and 0.5 Contract PSG Trans Planner anticipated to be approved by the Board on April 3, 2007) are for the Caltrans Contract Team and will perform preliminary design, environmental studies and right-of-way in



connection with the east/west high desert corridor. The cost of these positions of \$160,000 is 100% reimbursable from the State of California Department of Transportation.

- 3.0 positions (2.0 Public Works Engineer II's and 1.0 Engineering Services Technician) at a cost of \$270,000 are being transferred into Transportation from the Flood Control District due to workload demands within the Department of Public Works.
- Transfer of 1.0 Public Works Engineer III (\$110,000) to the Flood Control Etiwanda/San Sevaire Project.
- Costs are also increasing by approximately \$10,000 for the following two proposed reclassifications:

Engineering Services Technician I to Engineering Technician IV
Supervising Accountant II to Supervising Accountant III.

Services and supplies of \$65,271,656 include professional service contracts for external road construction projects, road materials and vehicle usage related to in-house road maintenance and construction projects, computer hardware and software, communication and liability charges, and general maintenance and office supplies. Services and supplies are decreasing by \$9,038,897 in 2007-08. Previously, unreserved fund balances were appropriated as services and supplies. Starting in 2007-08, a significant portion of these funds (\$7,000,000) will now be budgeted as contingencies. The remaining decrease of \$2,038,897 includes the encumbrance of a number of projects during 2006-07 (Central Road at Ocotillo Way rehabilitation project, Valley of the Falls slope repair, Lake Gregory walkway, Nielson Road paving project, etc.) that will not require re-budgeting in 2007-08.

Other charges of \$5,892,617 represent contributions to other agencies of \$1,562,617 for projects in Fontana, Needles and Twentynine Palms; debt service payments of \$2,000,000; interest on lease purchases of \$175,000; and right-of-way expenses of \$2,155,000. The \$1,581,635 increase for 2007-08 is primarily due to the repayment of loans received from the County general fund for costs associated with the winter storms of 2004-05 and right-of-way purchases for the Pepper Street at Valley Boulevard intersection realignment project.

Land, structures and improvements are decreasing by approximately \$2.2 million resulting mainly from completion of a right-of-way purchase for the Pepper Street at Valley Boulevard realignment project. The \$838,000 budgeted for 2007-08 includes the following:

\$ 20,000 for security improvements recommended by the Sheriff's Department.
\$105,000 to demolish old houses/office at Yards 3 (West Valley), 11 (Baldy Mesa) and 15 (Needles).
\$250,000 to remodel an office and construct an equipment garage at Yard 4 (Running Springs).
\$128,000 to replace/repair air conditioning, flooring, roofing and install bathrooms at various yards.
\$ 75,000 to install water clarification system at Yard 8 (Blue Jay).
\$ 15,000 to slurry seal parking lots at 825 E. Third Street.
\$ 50,000 to repave Yard 8 (Blue Jay).
\$ 65,000 to install Materials Lab at 825 E. Third Street.
\$130,000 to relocate the Traffic Operations Division to the warehouse vacated by Fleet Management.

Equipment is budgeted at \$937,500 and includes the following:

\$450,000 for 30 new federally mandated diesel exhaust systems.
\$ 25,000 for portable pavement grinder.
\$ 25,000 for portable line striper.
\$ 20,000 for rock screen.
\$ 40,000 for bush chipper trailer (replacement).
\$ 40,000 for stump grinder.
\$ 40,000 for pneumatic roller attachment.
\$ 50,000 for equipment trailer (replacement).
\$ 15,000 for environmental sight quick view.
\$ 40,000 for snow blower attachment (replacement).
\$150,000 for five traffic signal poles at various locations.



- \$ 5,000 for airless compressor.
- \$ 5,000 for load balancing file server.
- \$ 8,000 for scanner.
- \$ 15,500 for telescoping drainage video camera.
- \$ 9,000 for plotter.

Vehicles are budgeted at \$3,200,000 and includes the following replacement vehicles:

- \$ 550,000 for two motor graders.
- \$1,400,000 for seven dump trucks with various attachments.
- \$ 450,000 for two patch trucks.
- \$ 100,000 for steel wheel roller.
- \$ 100,000 for two asphalt pup roller and trailers.
- \$ 50,000 for ½ ton service truck.
- \$ 70,000 for ½ ton crew cab utility box truck.
- \$ 100,000 for ½ ton service truck with blade and message boards.
- \$ 60,000 for 2 ton pick-up truck with blade and attachments

Also, the department's 2007-08 budget includes the purchase of the following new vehicles:

- \$ 100,000 for backhoe with attachment (eliminates the need for continued rentals).
- \$ 60,000 for ½-ton 4x4 pick up truck.
- \$ 75,000 for three extended cab pick up trucks.
- \$ 55,000 for two SUV's.
- \$ 30,000 for 1-ton van.

Lease purchases are budgeted at \$895,000, which reflects a \$580,000 decrease due primarily to completion of payments on one of the outstanding leases.

Transfers are budgeted at \$1,913,233, which reflects a decrease of \$242,255 principally due to PSSG Administration now charging for its services through COWCAP.

Contingencies of \$7,000,000 represent a portion of the unreserved fund balance that now will be appropriated in this category each fiscal year for future projects. This amount will also be available for unanticipated costs during the year, but would require Board approval prior to its use.

Reimbursements are budgeted at \$20,876,820. The two largest sources of reimbursements are \$10,000,000 from other agencies such as Community Development and Housing (CDH), San Bernardino County Redevelopment Agency (RDA) and Measure I funds for joint participation projects, and \$6,000,000 from inter-departmental transfers for equipment and materials usage. The \$3,162,810 increase for fiscal year 2007-08 is mainly the result of additional amounts from the RDA for Cherry Avenue widening (\$2,500,000) and Cherry Avenue at Interstate 10 interchange project (\$2,160,000). This increase is partially offset by a \$1,530,000 reduction in contributions from Measure I funds for completion of the Lake Gregory Walkway project and the San Bernardino Avenue signal synchronization project during 2006-07.

Operating transfers out reflect a \$3,500,000 decrease because of the completion of one-time funding budgeted in 2006-07 from the County General Fund to finance road projects.

DEPARTMENTAL REVENUE

Licenses, permits and franchises are budgeted at \$500,000, which is an increase of \$275,000 over the previous year based on anticipated revenue from road permits.

Revenue from use of money and property is budgeted at \$1,252,500, which is an increase of \$792,500 based on anticipated interest earnings from available fund balances.

State, federal and other governmental aid is budgeted at \$64,050,397, which includes \$30,000,000 of state highway users tax; \$15,000,000 of Proposition 1B funds; and \$19,050,397 from various other state and federal

sources. The revenue in this category is decreasing due to the completion of reimbursement for several road projects including:

- \$11,000,000 for the Fort Irwin Road realignment project,
- \$ 2,800,000 for the San Bernardino signal synchronization project,
- \$ 1,900,000 for Beaumont Bridge,
- \$ 350,000 for the Crestline Park and Ride,
- \$ 350,000 for the Wabash Avenue signal installation project and
- \$ 300,000 for sidewalk installation on Howard Street in the Montclair area.

The above decreases will be mostly offset by an additional \$1,000,000 in Gas Tax funds and \$15,000,000 of Proposition 1B funding that the Transportation Division will be receiving for the first time in 2007-08. However, the 2007-08 budget includes a temporary cessation of funding from Proposition 42, which was budgeted last year at \$11,000,000. It is expected that the State will resume Proposition 42 funding in 2008-09.

Charges for current services are budgeted at \$2,321,760 which is a decrease of \$1,918,257 due primarily to the completion of several participation projects including: \$200,000 for the Lake Gregory walkway; \$925,000 for contributions from Measure I, RDA and CDH toward the San Bernardino Avenue signal synchronization project; \$365,000 for Riverside County's share of the El Rivino Road project; and \$350,000 for City of Hesperia's share of the Mesquite Street paving project.

Other revenue is budgeted at \$1,346,500 in 2007-08, an increase of \$1,025,000 from prior year. This increase is due to the anticipated sale of surplus right-of-way for \$1,000,000 at the intersection of Pepper Avenue at Valley Boulevard in the Colton area.

Other financing sources budgeted at \$105,000 reflect proceeds from the sale of fixed assets. The \$3,295,000 decrease from prior year is primarily due to a \$2.5 million loan in 2006-07 from the County general fund for assistance with the purchase of right-of-way for the Pepper Avenue at Valley Boulevard realignment project, which is not being re-budgeted in 2007-08.

Operating transfers in are decreasing by \$11,128,000 principally due to elimination of contributions from the County general fund to finance several joint participation road projects that are not being re-budgeted in 2007-08.

PERFORMANCE MEASURES			
Description of Performance Measure	2006-07 Projected	2006-07 Estimated	2007-08 Projected
Average Pavement Condition Index (PCI) for County maintained roads.	78	75	75

The above performance measure reflects the division's commitment to maintaining a high level of road safety and conditions, as roads are historically high on the concerns of the public. The average Pavement Condition Index is the standard used for the overall structural status of a road. Any road with a grade of 70 or greater is considered to be in very good condition.

